FLIGHT

First Aero Weekly in the World.

A Journal devoted to the airship, Aeroplane and Flying art of Aerial Locomotion and Transport.

OFFICIAL ORGAN OF THE ROYAL AERO CLUB OF THE UNITED KINGDOM

No. 88 Oct 30 Vol. I. | [illegible] | [illegible]

AT THE HAVRE FLYING MEETING. Bleriot, on his Monoplane Version, circling the aerodrome [illegible] the distance, on the left, is Andy a Bleriot in flight.

A BLUE-BOOK ON AERONAUTICS.

The first report of the Advisory Committee for Aeronautics, covering the four 1909–1910, has been presented to both Houses of Parliament and issued in the usual way as a Blue book. Anyone is entitled to purchase the 150 page volume for the price of 5s. 5d. and presumably those whose business it is to study the subject in order to maintain their close association with the movement will buy the publication as a matter of course.

When they have got it they will find that it will take some reading and a good deal of thought before they may be described as any wonderful data from experiments. It is a very technical book, and we doubt if it has any appreciable value to the ordinary student of flight. On the other hand, it is an admirable beginning, and we do not see how anyone could possibly write a better summary of the work of information that is issued by the Government. On the whole [illegible]

So far they have had time to do more than get the apparatus in to working order, and it is a very big undertaking to arrange a [illegible] through in apparatus [illegible] may be [illegible] possible description. All sorts of precaution are [illegible] to be taken to guard against [illegible] and [illegible] that would mentalize the [illegible] to the [illegible] for which it is designed to provide. Even such an apparently simple [illegible] and other shapes can be tried for [illegible] and [illegible] endless [illegible] or [illegible] which work of the character is uncertain. In such a [illegible] thoroughly trained experimenter [illegible] that the data collected can be considered reliable. This aspect of the [illegible] is very often [illegible] to [illegible] many [illegible] to suppose that a [illegible] rough and ready arrangement will do [illegible] but a little thought of the matter [illegible] that to be [illegible] character are generally worse than useless [illegible] in [illegible] since it is employed in [illegible] who [illegible] proved to be accurate.

There is [illegible] in the [illegible] National Physical Laboratory has an [illegible] capacity for doing good work in the [illegible] between [illegible] and [illegible] should be [illegible] in getting really useful results in least delay. It might be important, for instance, that problems of current import should be [illegible] as they are definitely recognised as forming [illegible] in advance in any part of the country. Very properly the Government have had first [illegible] on the services of the Laboratory and [illegible] that has so far been small [illegible] for the [illegible] men have been directed towards certain questions associated with the development of airships. Very useful work has already been done in testing the rate of leakage or diffusion of hydrogen through different kinds of balloon fabrics, and the principal results are contained in an appendix to the report. Other tests have been carried out in order to [illegible] the shapes of kites, [illegible] and also the best form of [illegible] and floating planes.

These latter constitute practically the only research work relating to the aeroplane that has yet been undertaken, but, inasmuch as the experiments in question were flat planes, they do not apply directly to the principal unsolved problems of the timbered plane that is used in the modern flying machine. So soon, however, as the whole working [illegible] particularly to airships has provided the desired data, there is no doubt that the labours of the experimenters will be directed by the Advisory Committee toward investigations bearing upon the aeroplane. When these are undertaken, interest in this department of Government work will grow by leaps and bounds, for there are, figuratively speaking, a thousand people interested in the aeroplane for every one that is interested in the dirigible balloon. Private enterprise, which is [illegible] everywhere, is not [illegible] in the development of the [illegible] which is very [illegible] regarded as an undertaking essentially within the sphere of Government activity. There is no doubt, however, that any practical [illegible] that the Advisory Committee are able to offer in the future as the result of the research work in aerodynamics conducted by the Authorities at Bushey House will be [illegible] by an [illegible] number of the British people [illegible] many [illegible] at their own expense [illegible]

[illegible] be Advisory Committee [illegible] has been able to prepare a set of [illegible] of the science, and that they have [illegible] in an appendix to the report [illegible] constitute a [illegible] Needless [illegible] a great number of very interesting and some very [illegible]

[illegible] Physical Laboratory by Dr. T. E. Stanton [illegible] all on of the [illegible] interesting of the contributions and a very properly followed by a [illegible] on the general question to be studied by A. Mallock, F.R.S. A [illegible] by Dr. T. E. Stanton on [illegible] research on the [illegible] of [illegible] [illegible] on the fundamental aspect of the [illegible] which [illegible] short [illegible] by S. C. Greenhill, F.R.S. affords food for reflection [illegible] will take far longer [illegible] on the [illegible] not [illegible] to peruse the [illegible] A note [illegible] of W. [illegible] chemist combines with a [illegible] of the application of the principal [illegible] by Lord Rayleigh, while A. Mallock, F.R.S., discusses experiments of Froude. One of the most important [illegible] the report by the Secretary of the Committee, Mr. F. J. Selby, who has prepared a summary of papers relating to the stability of airships and aeroplanes, and also a report as to [illegible] the shape of [illegible] and [illegible] charges on balloons. One of the most [illegible] and [illegible] of the most important of this appendices is the report on the wind by Dr. W. N. Shaw, F.R.S., which is accompanied by many interesting charts and diagrams. The work already undertaken by the National Physical Laboratory relating to the resistance of balloon bodies [illegible] be [illegible] models and [illegible] leakage of hydrogen are all described in this [illegible] appendix report. [illegible] are also [illegible] of the [illegible] there are very other [illegible] presented by Rear-Admiral R. H. Bacon relating to the work done by the German Society for the Study of Airships, the [illegible] on the [illegible] by Sir W. G. Greenhill. Flying fish and one [illegible] by A. Mallock are also included in the really astound [illegible] of material of knowledge, which concludes with a very good collection of abstracts from foreign papers and articles.

FLIGHT PIONEERS

MR. J. W. DUNNE.

WITH THE WRIGHTS IN AMERICA.

by GRIFFITH BREWER

Apologia.

[illegible]

The Two Mechanical Flights.

[illegible]

Manufacture and Facilities.

[illegible]

WITH THE WRIGHT BROS.—Ready for a flight. On the right the Wright machine in the [illegible] position of this biplane flying with one aeroplane and one "planer."

WITH [illegible] WRIGHT [illegible]—Flying between Dayton [illegible] [illegible] of people—Wilbur, Orville [illegible] Gen. Collins [illegible] and Johnstone. [illegible] the background the [illegible] with [illegible] and [illegible] [illegible] behind the [illegible] for [illegible] a glimpse of a flight.

[illegible] the pilot [illegible] the way [illegible] the engine [illegible] the planes were all on the ship. At [illegible] Wright [illegible] seemed [illegible] Wright [illegible] Orville took [illegible] [illegible] the [illegible] [illegible] [illegible]

THE BLAIR ATHOLL EXPERIMENTS.

[illegible] experiments were carried on with the aeroplane as a glider, it will be observed that the machine is constructed on a plan for landing [illegible] which [illegible] be more towards the middle and be lower [illegible]. In Fig. 1 the glider is undergoing experiments by the [illegible] officers, [illegible] General Hildyard, General Kitchener and the Duke of Atholl.

Fig. 2 shows the start of a glide with Captain Cooper as pilot. In this attempt he [illegible] a height of about [illegible] ft. [illegible] shows the ground and finally dropped the wall that is built to the foreground of the picture. [illegible] experimentally another machine was commenced in 1907, and work [illegible] in the lower part of Mr. Cody's drawing yard. The [illegible] machine [illegible] was a power-driven aeroplane, [illegible] flight. Lieutenant Colonel D. Cobbe, whose name is now well known as an aviator with the Balloon [illegible] Mr. Cobbe [illegible] the gliding [illegible] the Dunne aeroplane [illegible] 1908, which he used a small scale replica of the machine.

A peculiarity in the aeroplane is that it flies, which might perhaps [illegible] notice, is that it has been designed by painting on it the [illegible] of the [illegible] which [illegible] perfection, so far as they might be ascertained by [illegible] experiments. The [illegible] of the [illegible] machines which [illegible] in the article on the Dunne aeroplane, that appeared in FLIGHT of June 19, [illegible] were then considered so far as possible invisible to the [illegible] of the machine [illegible] the stereoscope.

ROUND-ABOUT FRENCH NOTES.

By ÉSEAU.

[illegible] week I mentioned the perpetual [illegible] of the aviation [illegible] in the [illegible] of Fichaux and Cipa [illegible]. The [illegible] [illegible] aeroplane [illegible] to [illegible] the French [illegible], which [illegible] in Portugal. The [illegible] of [illegible] type of [illegible] machine [illegible] [illegible] [illegible]

HAVRE MEETING.

HAVRE MEETING. [illegible]

HAVRE [illegible]

HAVRE [illegible] Aviation, on his Blériot, in flying

[illegible]

The Overall Flights

[illegible]

AIRSHIP NEWS

Cardiff Testimonial to Mr. Willows

A total subscription has been [illegible] Cardiff to organise a testimonial [illegible] Mr. Willows [illegible] Cardiff stated at the inaugural meeting last week that [illegible] Cardiff [illegible] but his health should be considering [illegible] to accept the heavy responsibilities [illegible] Mr. Willows [illegible] the very [illegible] he.

The Wellman Transatlantic Expedition

A [illegible] being taken by the Venture to Gatlan City N.E. [illegible] Wellman-Vaniman airship [illegible] start from New York on September [illegible] It is proposed to [illegible] Mr. Wellman, Mr. Vaniman, the engineer, Mr. Lunn [illegible] wireless telegraph operator and Mr. Lunn [illegible]

[illegible] Mr. Vaniman [illegible] telegraphic [illegible]

A [illegible] Flight by Parseval VI.

On [illegible] the airship Parseval VI. carrying six passengers, [illegible] Amsterdam, [illegible] Thence he [illegible] Holy [illegible] Flight of two hours and [illegible] on the [illegible] to be [illegible] at Munich.

Zeppelin VI. [illegible] Shanghai.

[illegible] Zeppelin VI. [illegible] Sunday [illegible] from Friedrichshafen to Shanghai [illegible] each passenger [illegible] for a trip [illegible] Herr Hirsch.

BRITISH NOTES OF THE WEEK.

Boston Bennett Cup Postponed

[illegible]

"Fairy-tale-in-the" Night

[illegible]

Devon and Cornwall Area Club

[illegible]

Mr. Ferguson's Big Bird

[illegible]

Hadley to Belgium

[illegible]

A Monoplane [illegible]

[illegible]

Flying Ma[illegible] to Ba[illegible]

[illegible]

Cross-Channel Air Service

[illegible]

Higher Speed Prospects in U.K.

[illegible]

A [illegible] "Bat" [illegible] Edward [illegible] culiarly [illegible] Fokker works, Lea [illegible] Colonel A. [illegible] Company's [illegible] Gouge White [illegible] Salisbury Plain, where Belmont has, we understand, been very [illegible] with L. This type of machine is now being [illegible] from the fact that the pilot is seen in flight above the very first day it was exposed

THE DUBLIN MEETING.

IRELAND'S INTRODUCTION TO FLIGHT

IMPRESSIONS OF AND COMMENTS ON THE LEOPARDSTOWN MEETING

R. H. MASSP BLUST

Considering the Organization.

[illegible]

Concerning the Character of the Course.

[illegible]

The Finish of the Meeting.

[illegible]

Equipment Might Have Saved.

[illegible]

Starting the Long-winded Is Bad.

[illegible]

[illegible]

[illegible] of Management [illegible] Mr. John Dunville, chairman of the Civil Motor Wholesale, Mr. [illegible] C. Percy, and Mr. [illegible] White, Honorary Secretary of the Club. The President [illegible] Lord [illegible], and the Vice-Presidents for [illegible] Belize. The members of [illegible] Mr. [illegible] Hobson, Harry [illegible], F. [illegible] Wilby, Wickham H. [illegible] Moore, [illegible] M. Dowling, [illegible] Swift, [illegible] Wilson, A. [illegible], [illegible] F. C. Trench, [illegible] and [illegible] Monday, [illegible] Being [illegible] Walter Wood.

The Royal Aero Club of the United Kingdom

OFFICIAL NOTICES TO MEMBERS

Public Memorial Library.

Mr. Frank Hedges Butler has presented to [illegible] Public Memorial Library [illegible] and [illegible] the Memorial Library [illegible] Sympathies.

Committee Meeting.

The next Committee Meeting will be held on Tuesday, [illegible] 1st September, 1910.

Competition [illegible]

The date of the Lincolnshire [illegible] Bedford Cup, a [illegible] Paris, New York.

Public Memorial Fund.

Subscriptions [illegible] Mr. [illegible] received from the following [illegible] up to Wednesday [illegible] 1910.

Dr. J. L. Aitken, [illegible]	Sir Hiram S. M[illegible]
H. [illegible]	R. A. Macfarlane.
Hugh Anderson, D.L., [illegible]	W. W. McClean
Harold Arkwright.	Albert Harris, M.
[illegible]	M. [illegible]
Jose Bak [illegible]	Mr. Charles W. Mackenzie-Bell, [illegible]
Alfred [illegible]	Augus Dickinson.
Benjamin Blum	Percy [illegible]
[illegible]	Dr. [illegible]
H. Digby Boyle, K.	Sir Hiram [illegible]
Chas. W. H. Blake.	[illegible]
Marcel [illegible]	Walter F. [illegible]
Edson C. Burton, [illegible]	Miss Leigh Bartlett.
[illegible]	Percy Leigh Bartlett.
Colonel Brown	Lionel Edwards.
Col. J. B. Lagden, C.B., R.E.	W. [illegible]
Capt. A. D. Carden, R.E.	[illegible]
A. S. B. Chilcott.	Major-Gen. R. M. Ross, R.F.
R. J. Cliff [illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]
Capt. M. D. Cooke	[illegible]
W. J. Crumpton.	E. Stanwell Smith.
Lieut. [illegible]	[illegible]
Sir Charles Christopher de [illegible]	Frank [illegible]
[illegible]	Maurice Brown
[illegible]	[illegible]
[illegible]	Miss [illegible]
Mrs. Davidson	Mrs. T. M. [illegible]
[illegible]	Alan F. Spiers, M.[illegible]
[illegible]	Arthur [illegible]
[illegible]	Thomas J. [illegible]
[illegible]	[illegible]
Mrs. Gompertz	Charles [illegible]
Major F. [illegible]	[illegible]
Capt. Harold [illegible]	A. K. [illegible]
Lieut. [illegible]	[illegible]
D.S.O., R.E.	[illegible]
Capt. F. S. Harwood.	R. A. [illegible]
Dr. H. S. [illegible]	[illegible]
Claude Johnson	[illegible]
Henry Johnson.	Norman J. Wills.
C. W. Lewis.	[illegible]
Mrs. A. M. Kirkham.	Samuel Wilby.
Royal H. Eyl.	[illegible]
Robinson Lawson.	Thomas Wilson.
W. J. [illegible]	[illegible]
Henry D. Lewis.	Percy T. Wright
Miss E. Lister	Mrs. Mc. Willis Tolson, [illegible]

Report on Biographs used by Mr. [illegible] at Camberley on August 9th, 1910.

[illegible]

The biographs used were of the type with which Sheet Bantam [illegible] engineers, and related to the [illegible] intended to [illegible] on August 11th, 12th, and 13th, but [illegible] with the [illegible] of a Nieuport Monoplane. [illegible] preventing [illegible] the [illegible] Could [illegible] possible. Some [illegible] of these [illegible] from the [illegible] of [illegible] the [illegible] was [illegible] of [illegible] the [illegible] of the [illegible] a Peterson [illegible] monoplane [illegible] the [illegible] Around [illegible] the [illegible] possible [illegible] the [illegible] ability [illegible] the [illegible] of the [illegible] the [illegible] the [illegible]

PROGRESS OF FLIGHT ABOUT THE COUNTRY.

[illegible]

Midland Aero Club. [illegible]

[illegible]

Fishbourne and District Aero Club.

[illegible]

The Kent & District Aero Club.

[illegible]

FOREIGN AVIATION NEWS.

A Victim Of Flying. [illegible]

Mau Se Mahr Meeting.

[illegible]

Paris Gets Mar [illegible] Boulogne.

[illegible]

Vingt Reaches Little Mecca.

[illegible]

De Bazel who is now [illegible]

[illegible]

[illegible]

M. Paulhan has a Mishap.

[illegible]

A Long Flight by Bréguet de Laborde.

[illegible]

From Accident to Victory.

[illegible]

The Zodiac Aeroplane.

[illegible]

[illegible] Passengers on a Bréguet.

[illegible]

Farman Wins Deutsche Preis.

[illegible]

Passage Over Mountains.

[illegible]

A Dirigible [illegible] Army.

[illegible]

Danger in Mountains.

[illegible]

[illegible] Wright [illegible] by Governor [illegible]

[illegible] from Rheims, and also a [illegible] flight started by M. Delagrange's [illegible] in the Year [illegible]. This flight became the prize of 5,000 francs offered by the [illegible] to the first aviator to land on the ground.

Prospects at Juvisy.

Rheims, [illegible] was [illegible] during flying. [illegible] a [illegible] [illegible], and is [illegible] good prospects. [illegible] [illegible] [illegible]

CORRESPONDENCE.

[illegible]

Correspondents asking questions relating to articles which they have read in FLIGHT would much facilitate our work if reference by giving the number of the article.

NOTE.—[illegible]

RADLEY AND HIS MACHINE

[illegible] Radley [illegible] Would it not be [illegible] Mr. Radley has suddenly obtained a [illegible] machine [illegible] Has he [illegible] for some [illegible] from [illegible] Type?

Results [illegible] the [illegible] engines [illegible] they have [illegible] but being a bad flyer

E. R. WALTHAM R.

CAPT. BERTRAM DICKSON AT LANARK

[illegible] Dickson [illegible] Lanark [illegible] Monday [illegible] Dickson [illegible] Lanark [illegible] Dickson [illegible] Monday [illegible] Dickson [illegible] Lanark [illegible] Dickson [illegible] Lanark [illegible] Dickson [illegible] Lanark

ROTARY ENGINES.

[illegible] the letter from Mr. C. A. Fletcher, which is written [illegible] discussion and supporting of the claims of the [illegible] engine, [illegible] published in your paper this week.

The engine, although differing in many points [illegible] the kind of supercharge by power gas [illegible] compared with the [illegible] engine, [illegible] the [illegible] engine, [illegible] probably [illegible] the "Dreadnought" [illegible] [illegible] patents and they are [illegible] to the "Dreadnought" [illegible] of the [illegible] patents.

The Syndicate [illegible] [illegible] [illegible]

MODELS.

GAMBER FOR MODELS.

[illegible] I am an enthusiastic amateur aeroplane and biplane, [illegible] Farman biplane as principle [illegible] Gamber [illegible] Flight [illegible] Gamber [illegible] Flight [illegible] proposed [illegible]

Sherborne. A. G. Amyot.

MODEL MONOPLANE POWER.

[illegible] Could any of your readers inform me through FLIGHT what size petrol engine should [illegible] and what horse power [illegible] of 3 ft. span and 3 ft. wide, made [illegible] construction.

Kensal Rise. H. Kaller.

LOADING OF MODELS.

[illegible] Model [illegible] by [illegible] can [illegible] model aeroplane with [illegible] and should be able to know what weight [illegible] be [illegible] by [illegible] of area.

Gillingham, Kent. R. L. Thomson.

[illegible] of any [illegible]

SOME QUERIES.

[illegible] Why are the [illegible] behind [illegible] with [illegible]

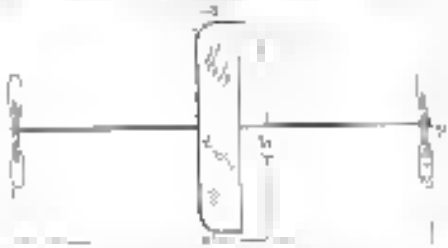
Why [illegible] from [illegible]

[illegible] Gamber [illegible] Aeroplanes of August [illegible] to [illegible] in flight [illegible] A wing [illegible] of the centre of gravity [illegible]

[illegible] Not [illegible] to represent [illegible]

MODEL CONSTRUCTION.

[illegible] I have been [illegible] the [illegible] of [illegible] Kite [illegible] of [illegible] tracings, for which [illegible] R. G. Tomson [illegible] the following [illegible]



The main [illegible] 3 in. square whitewood, and the size of the [illegible] is [illegible] The wood [illegible] F. N. H.

RECORDS.

Distance and Duration.—[illegible] Belgium, [illegible] on a Bleriot monoplane with Gnome engine [illegible]

Speed.—[illegible] Bleriot monoplane with Gnome engine [illegible]

Altitude.—[illegible] A. Drexel [illegible] Bleriot monoplane [illegible] with Gnome engine [illegible]

Aeronautical Patents Published.

Accepted for the week.

Published Subsequent to 1905.

[illegible]

Accepted but to date.

Published Subsequent to 1905.

[illegible]

DIARY OF FORTHCOMING EVENTS.

British Events.

[illegible]

Foreign Events.

[illegible]

BACK NUMBERS OF "FLIGHT."

[illegible] back numbers are now very scarce and have been raised in price as follows:—

[illegible]

[illegible]							
[illegible]							
[illegible]							